

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081618\
 Data File : VL032402.D
 Acq On : 17 Aug 2018 10:44
 Operator : SY/AP
 Sample : J4457-05DL2 400X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS09-MIVIDL2

Manual Integrations
 APPROVED

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 8/20/2018 3:12:06 PM

Quant Time: Aug 20 09:46:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 1
 QLast Update : Wed Aug 15 14:58:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.81	49	1806243	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3601391	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3419398	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.64	95	2586002	9.91	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.07	41	362552	5.06	ppbv	93
10) Heptane	8.31	43	89446	0.41	ppbv	93
26) Hexane	5.83	57	173218	1.06	ppbv #	39
38) Trichloroethene	8.02	130	389183	3.63	ppbv	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

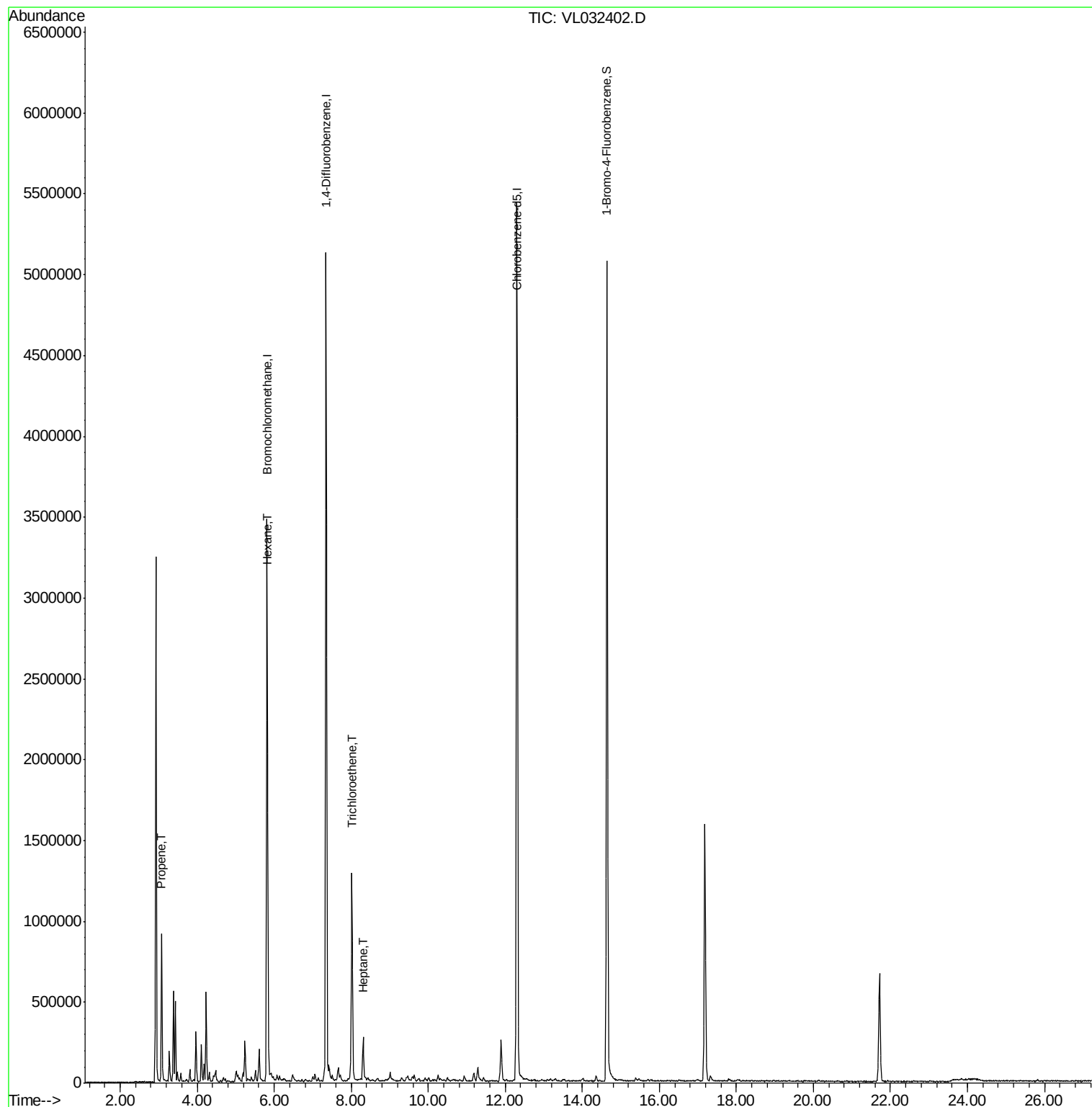
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081618\
Data File : VL032402.D
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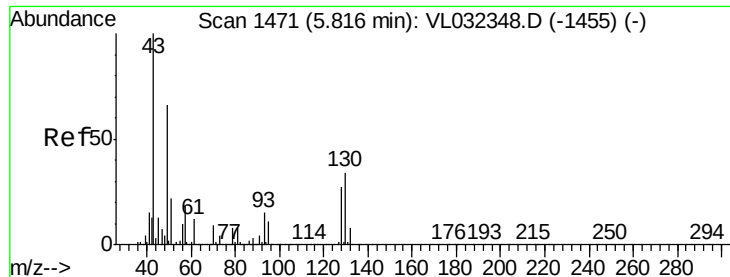
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Aug 20 09:46:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.81 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VL032402.D

Acq: 17 Aug 2018 10:44

Instrument :

MSVOA_L

ClientSampleId :

SS09-MIVIDL2

Tot Ion: 49 Resp: 1806243

Ion Ratio Lower Upper

49 100

128 40.7 20.5 61.6

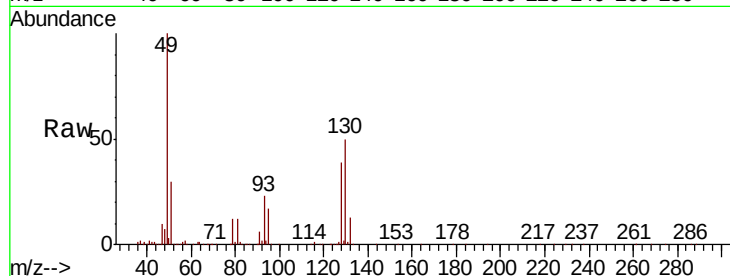
130 51.7 26.2 78.5

Manual Integrations

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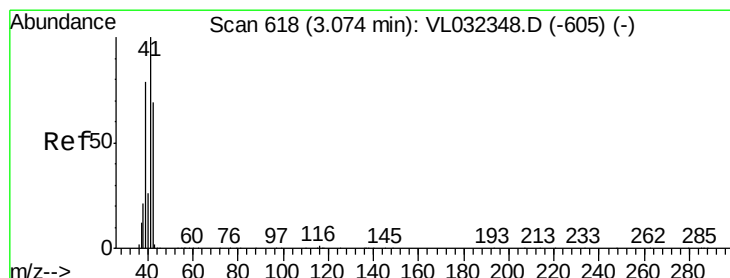
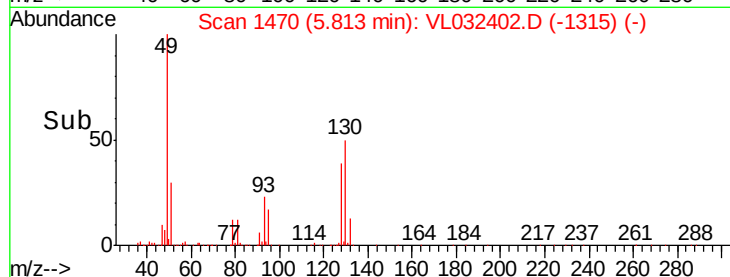
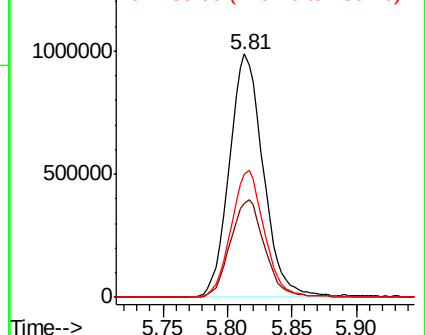
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 5.06 ppbv

RT: 3.07 min Scan# 618

Delta R.T. 0.00 min

Lab File: VL032402.D

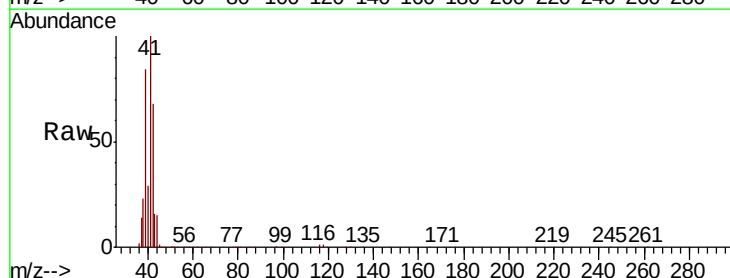
Acq: 17 Aug 2018 10:44

Tgt Ion: 41 Resp: 362552

Ion Ratio Lower Upper

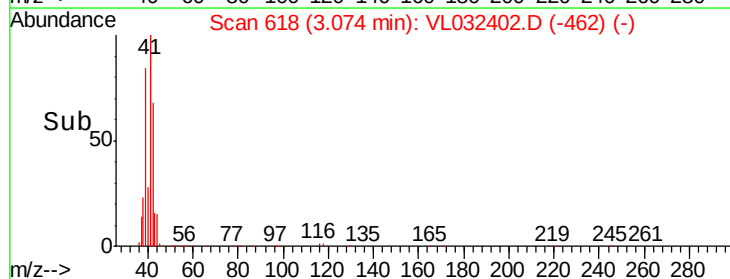
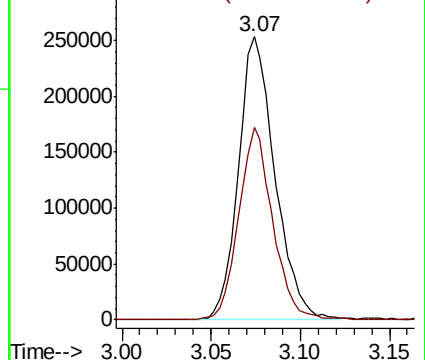
41 100

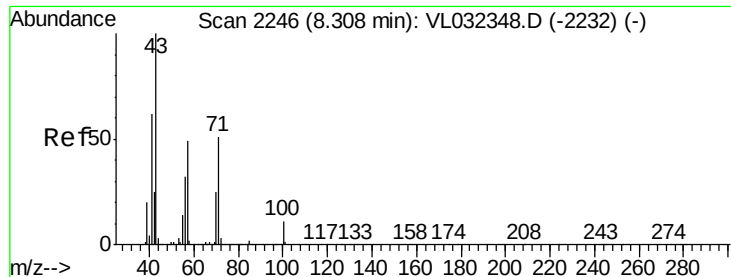
42 64.0 55.9 83.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.41 ppbv

RT: 8.31 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VL032402.D

Acq: 17 Aug 2018 10:44

Instrument :

MSVOA_L

ClientSampleId :

SS09-MIVIDL2

Tot Ion: 43 Resp: 89446

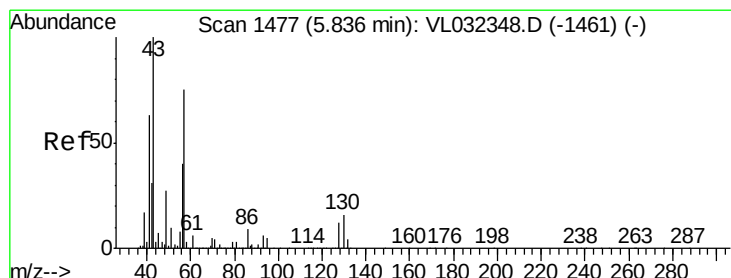
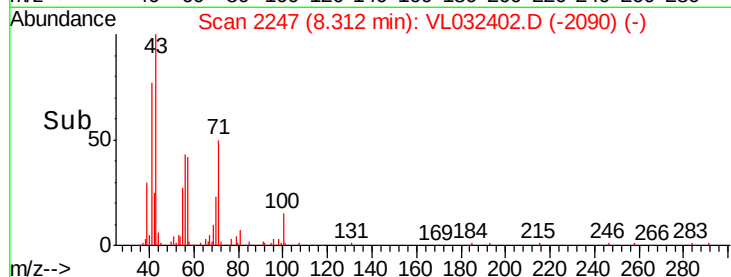
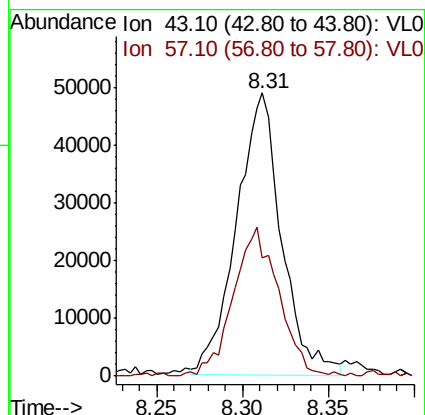
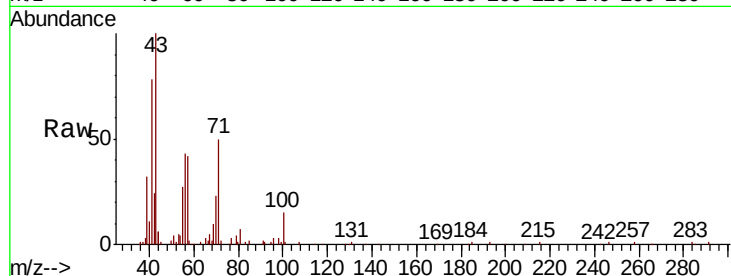
Ion Ratio Lower Upper

43 100

57 54.4 39.5 59.3

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#26

Hexane

Concen: 1.06 ppbv

RT: 5.83 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VL032402.D

Acq: 17 Aug 2018 10:44

Tgt Ion: 57 Resp: 173218

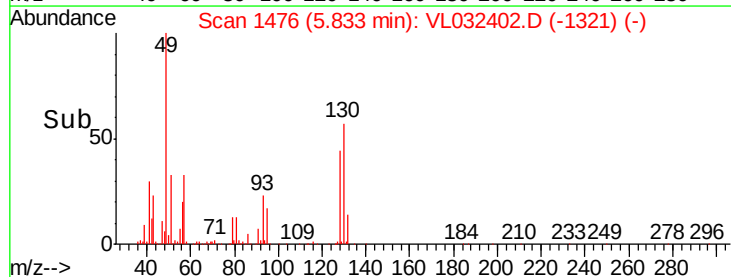
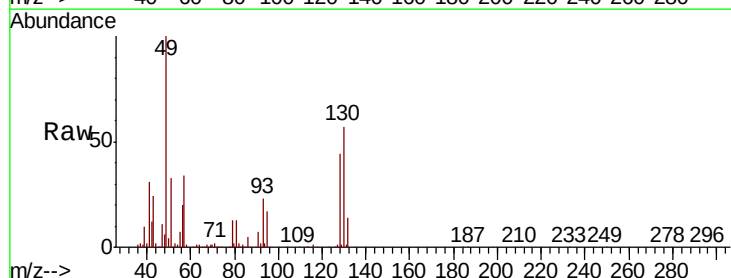
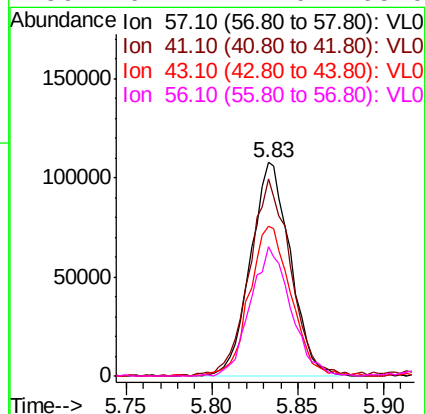
Ion Ratio Lower Upper

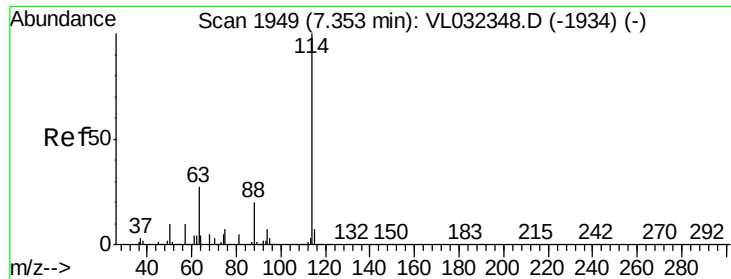
57 100

41 96.4 68.0 102.0

43 73.5 175.3 262.9#

56 61.4 42.0 63.0





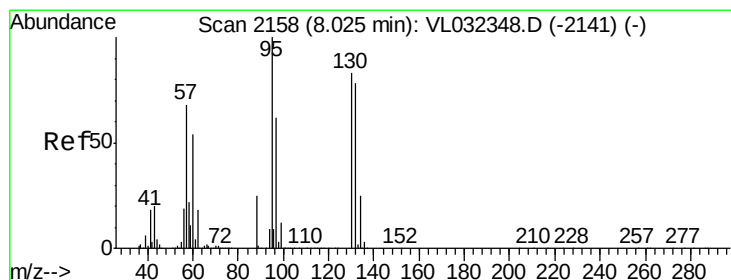
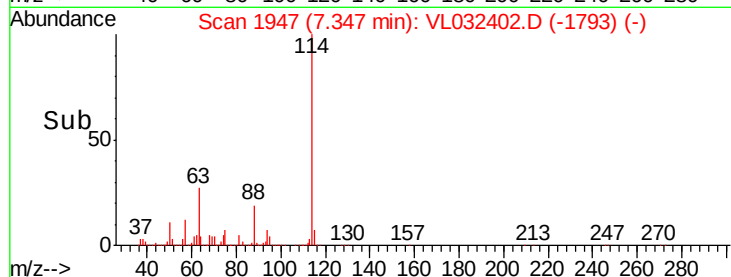
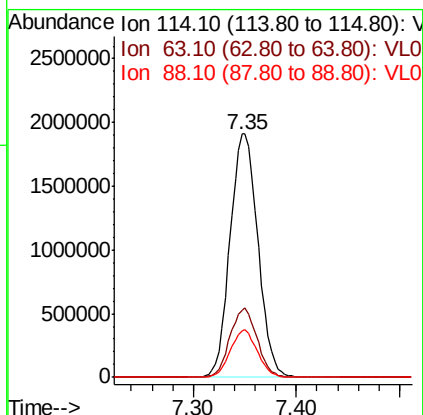
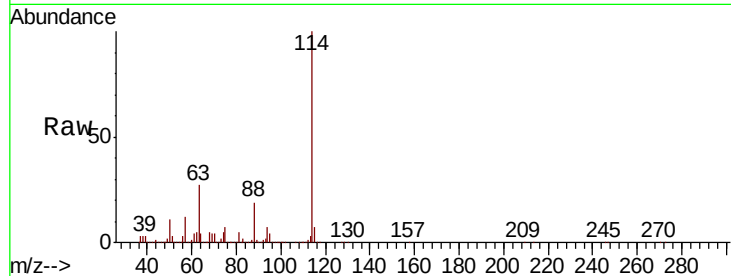
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.35 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: VL032402.D
 Acq: 17 Aug 2018 10:44

Instrument :
 MSVOA_L
 ClientSampleId :
 SS09-MIVIDL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.0	33.0
88	19.0	15.3	22.9

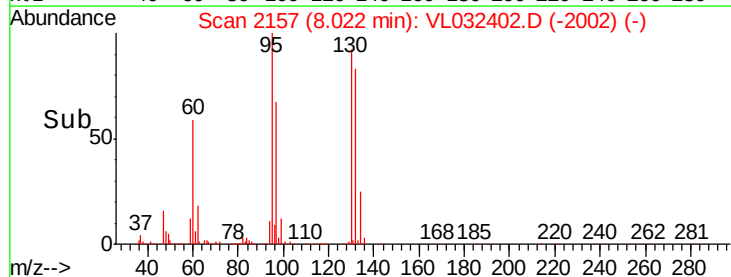
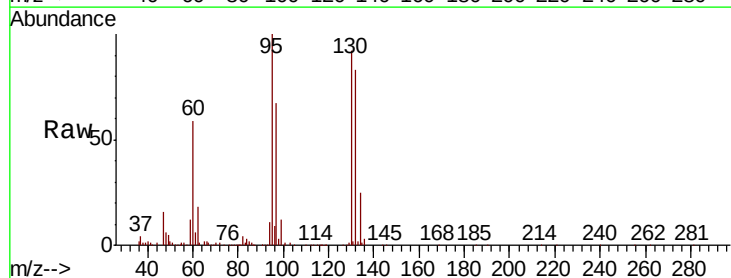
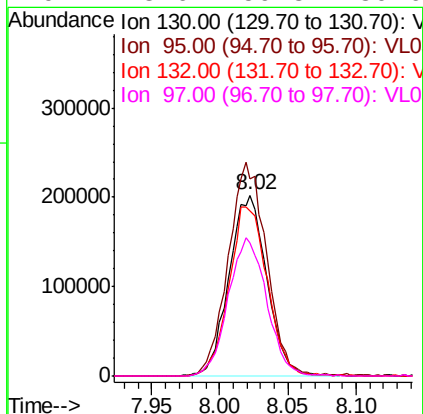
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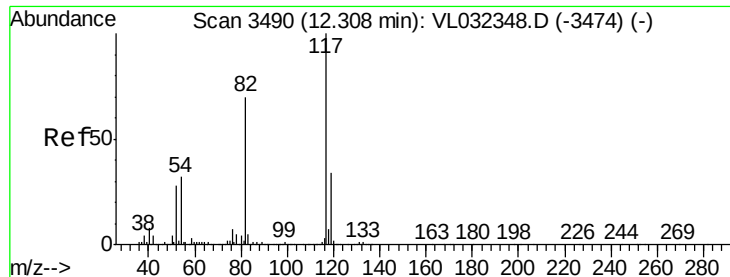
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#38
 Trichloroethene
 Concen: 3.63 ppbv
 RT: 8.02 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: VL032402.D
 Acq: 17 Aug 2018 10:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.6	96.6	144.8
132	90.8	75.5	113.3
97	73.6	59.8	89.6





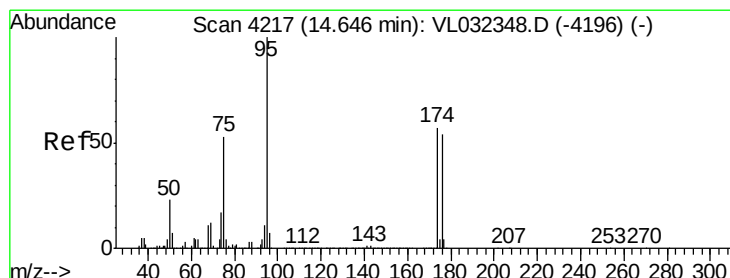
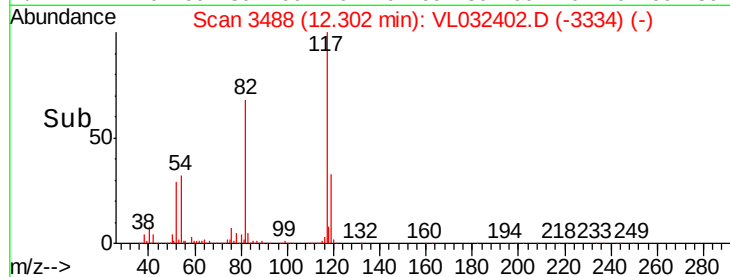
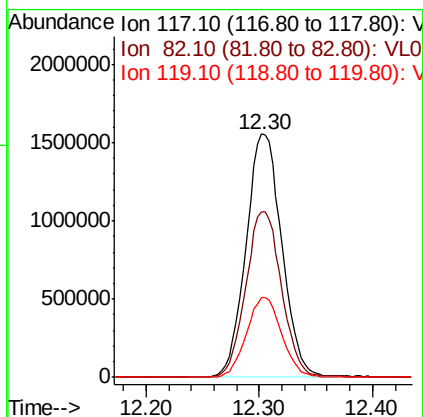
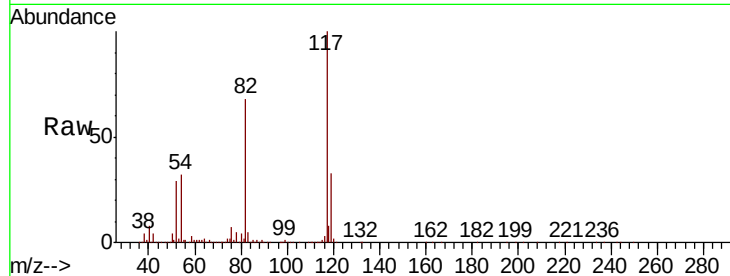
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.30 min Scan# 3488
Delta R.T. -0.01 min
Lab File: VL032402.D
Acq: 17 Aug 2018 10:44

Instrument :
MSVOA_L
ClientSampleId :
SS09-MIVIDL2

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.5	55.1	82.7
119	32.6	46.0	69.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.91 ppbv
RT: 14.64 min Scan# 4215
Delta R.T. -0.01 min
Lab File: VL032402.D
Acq: 17 Aug 2018 10:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	56.6	46.2	69.4
175	4.0	3.4	5.0

